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Citations: The XTR public key system - Lenstra, Verheul (...

... has been used in [30] to **derive** some results ... AK Lenstra and ER Verheul, The XTR public key system ... compression methods based on traces such as LUC [109] and ...
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[PDF] Hidden Number Problem in Small Subgroups

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... As in [1, 5] we apply our algorithm for the hidden number problem to **derive** a bit security result for the Diffie-Hellman scheme. ...
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... 342, 518, 521] to the secret key of the XTR [332, 333, 334, 335, 551] and to the LUC [47, 536] key exchange protocols. We apply our method to **derive** quite a ...
www.birkhauser.ch/books/math/6654-0_Introduction.pdf - [Similar pages](#)

[PS] Future directions in algorithmic number theory

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... The Hi **derive** from injective resolutions on the étale topology. ... and compare TBC with Lucas-based cryptosystems and XTR, and understand LUC, XTR, and Beyond ...
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Cryptography-Digest Digest #942

... eg DH over GF(p), ECC, LUC*, or XTR) would be ... (Note: I'm not particularly recommending LUC. ... changing 256-element permutation that is used to **derive** output. ...
www.mail-archive.com/cryptography-digest@senator-bedfellow.mit.edu/msg03144.html - 36k - Supplemental Result - [Cached](#) - [Similar pages](#)

Citations: A Public Key Cryptosystem and a Signature Scheme based ...

... Then we will investigate their touching point and **derive** practical consequences. ... 19

5.3 **XTR** includes RSA [39] Rabin [38] Williams [42, 43] **LUC** [41] Kurosawa ...

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Molecular Endocrinology -- Furlow and Brown 13 (12): 2076

... It has been difficult to **derive** generalizations about the ... For cotransfection of TR expression vectors, **xTR** A and ... g reporter construct (TREs in MTV-**Luc**) or 0.1 ...

mend.endojournals.org/cgi/content/full/13/12/2076 - [Similar pages](#)

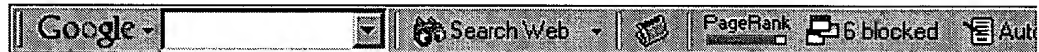
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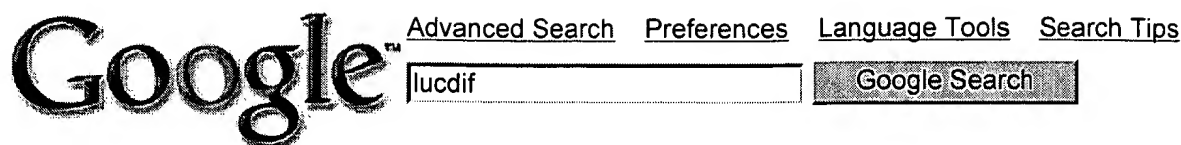
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Speed Comparison of Popular Crypto Algorithms

... **LUCDIF** 512 Key-Pair Generation, 1913, 2.003, 1.05. **LUCDIF** 512 Key-Pair Generation with precomputation, 1897, 2.003, 1.06. **LUCDIF** 512 Key Agreement, 1078, 2.003, 1.86. ...

www.eskimo.com/~weidai/benchmarks.html - 15k - [Cached](#) - [Similar pages](#)

// luc.cpp - written and placed in the public domain by Wei Dai # ...

... k(rng, 1, q-1, Integer::ANY); r = Lucas(k, g, p); s = (k + x*(r+m)) % q; } // *

LUCDIF::LUCDIF(const ...

cvs.sourceforge.net/viewcvs.py/cryptopp/src/luc.cpp?rev=1.1.1.3 - 11k - [Cached](#) - [Similar pages](#)

#ifndef CRYPTOPP_LUC_H #define CRYPTOPP_LUC_H /** \file */ # ...

... class **LUCDIF** : public PK_SimpleKeyAgreementDomain { public: **LUCDIF**(const Integer &p, const Integer &g); **LUCDIF**(RandomNumberGenerator &rng, unsigned int pbits ...

cvs.sourceforge.net/viewcvs.py/cryptopp/src/luc.h?rev=1.3 - 9k - [Cached](#) - [Similar pages](#)

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Citations: Cryptanalysis of the Dickson scheme - Muller, Nobauer ...

... coincides with the variant of the Diffie-Hellman key exchange scheme that was proposed and analyzed by a series of authors; 15] where the name **LUCDIF** was proposed ...

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... com> Subject: Re: XTR independent benchmarks Date: Sun, 4 Jun 2000 13:43:43 +0200

> > First of all, the hard part of parameter generation in **LUCDIF** consists of ...

www.mail-archive.com/cryptography-digest@senator-bedfellow.mit.edu/msg03138.html - 29k - [Cached](#) - [Similar pages](#)

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... 4.19 DH 1024 Agreement 10.53 DH 2048 Key-Pair Generation 46.91 DH 2048 Key-Pair

Generation with precomputation 14.10 DH 2048 Agreement 47.82 **LUCDIF** 512 Key ...

www.mail-archive.com/cryptography-digest@senator-bedfellow.mit.edu/msg03131.html - 29k -

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SourceForge.net: File Release Notes and Changelog

... Twofish, Serpent SEAL, Luby-Rackoff, MDC, various encryption modes (CFB, CBC, OFB, counter), DH, DH2, MQV, DSA, NR, ElGamal, LUC, **LUCDIF**, LUCELG, Rabin, RW, RSA ...

https://sourceforge.net/project/shownotes.php?release_id=22178 - 33k - [Cached](#) - [Similar pages](#)

Algorithm

... **LUCDIF** 512 Key-Pair Generation, 281, 1.000, 3.56. **LUCDIF** 512 Key-Pair Generation

with precomputation, 287, 1.000, 3.48. **LUCDIF** 512 Key Agreement, 200, 1.000,

5.00. ...

www.stud.ntnu.no/~tlan/test2.stud.ntnu.no-benchmark.html - 12k - [Cached](#) - [Similar pages](#)

Efficiency Analysis and Comparison of Public Key Algorithms

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... ECIEC) Elliptic Curve Digital Signature Algorithm (ECDSA) Elliptic Curve Nyberg-Rueppel (ECNR) Public Key Cryptography Algorithms Other: **LUCDIF** LUCELG LUCRSA ...

www.mit.bme.hu/~csilla/CSCS2002/EC_prezentacio.pdf - [Similar pages](#)

[\[PS\]](#) **Doing More with Fewer Bits**

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... 2 A different view of the **LUCDIF** cryptosystem Central in the construction of the **LUCDIF** variant of the Diffie-Hellman keyexchange scheme is a * 512-bit prime ...

www.win.tue.nl/~ruudp/paper/36.ps - [Similar pages](#)

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LUC: A New Public Key System - Smith, Lennon (ResearchIndex)

... nj.nec.com/228891.html More @techreport{ smith93luc, author = "Peter Smith and Michael JJ Lennon", title = "{LUC}: {A} New Public Key System", year = "1993 ...
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... Koyama, Maurer et al. - 1991 25 A new elliptic curve based analogue of RSA (context)

- Demytko - 1994 17 **LUC: A new public key system** - Smith, Lennon 16 ...

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[PDF] LUC: A New Public Key System 1. Public Key Encryption

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LUC: A New Public Key System Peter J. Smith a and Michael JJ Lennon b a LUC Partners, Auckland UniServices Ltd, The University of Auckland, Private Bag 92019 ...

preterhuman.net/texts/cryptology/LUC_PUBL.PDF - [Similar pages](#)

LUC

... January 1993. PJ Smith, MJJ Lennon, "**LUC : A New Public Key System**", Proceedings of the Ninth IFIP International Symposium on Computer Security '93, pp. ...

www.kisa.or.kr/technology/sub1/LUC.htm - 14k - [Cached](#) - [Similar pages](#)

XTR

... <http://home.hetnet.nl/~ecstr/mathdetails.htm>. PJ Smith, MJJ Lennon, "**LUC : A New Public Key System**," Proceedings of the Ninth IFIP International Symposium on ...

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... the ACM, (Feb. 1978), 21, (2), 120-126. [3] smith, pj, and lennon,

mjj: "**LUC: A new public key system**", in Ninth IFIP Symposium ...

cnscenter.future.co.kr/resource/crypto/algorithm/pkc/CG1997_8.ps - [Similar pages](#)

Lucas sequences and cryptography

... FTP archive at funet (Incl. papers and source code); Papers: LUC [[citeseer](#)]:

LUC: A New Public Key System (Peter J. Smith, Michael JJ Lennon, 1993). ...

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Published in R. Whright and P. Neumann, eds, Network Threats, ...

... 1976 2 **LUC: A new public key system** (context) - Smith, Lennon - 1993

2 Graduate Texts in Mathematics (context) - in, theory et al. ...

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[PS] To appear in Journal of Cryptology.

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... [19] PJ Smith and MJJ Lennon. **LUC: a new public key system**. In EG Douglas, editor, Proceedings of the Ninth IFIP Symposium on Computer Security, pp. 103-. 117. ...

www.ee.tku.edu.tw/~lcis/people/joye/publications/chinese.ps.gz - [Similar pages](#)

[PS] **LUC: A New Public Key System** Peter J. Smitha and Michael JJ ...

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LUC: A New Public Key System Peter J. Smitha and Michael JJ Lennonb aLUC Partners, Auckland UniServices Ltd, The University of Auckland, Private Bag 92019 ...

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